

Biopolymeric Arrays and Methods of Producing the Same

ABSTRACT OF THE DISCLOSURE

[00188] Methods of preparing biopolymeric arrays are provided. The subject methods include immobilizing at least a first population of a number of copies of a first probe for a first target to a surface of a solid support, wherein the number of probe copies of the first population is dependant on the at least suspected abundance of the target in a sample for which the array is designed. Also provided are biopolymeric arrays that include at least a first population of a number of copies of a first probe for a first target immobilized on a surface of a solid support, wherein the number of probe copies is dependant on the at least suspected abundance of the target present in a sample for which the array is designed to assay. The subject invention also includes algorithms present on computer readable mediums and kits for use in practicing the subject methods.